

**GAMA Domestic Well Project  
Testing Results  
Commonly Observed Chemicals**

Number of Samples Above CDPH Drinking Water Standards <sup>1</sup>

<i>Compound</i>	<i>Drinking Water Standard</i>	<b>Yuba</b> (2002) 128 Wells	<b>El Dorado</b> (2003-04) 398 Wells	<b>Tehama</b> (2005) 223 Wells	<b>Tulare</b> (2006) 181 Wells	<b>San Diego</b> (2008-09) 137 Wells	<b>Cumulative Domestic Well Project Totals</b> 1067 Wells
<b>BACTERIA INDICATORS</b>							
Total Coliform	Present <sup>3</sup>	28 (22%)	111 (28%)	56 (25%)	60 (33%)	34 (25%)	282 (26%)
Fecal Coliform	Present <sup>3</sup>	4 (3%)	14 (4%)	3 (1%)	15 (8%)	NAS <sup>2</sup>	35 (3%)
<b>GENERAL MINERALS &amp; IONS</b>							
Nitrate	45 mg/L <sup>3</sup>	2 (2%)	7 (2%)	2 (1%)	75 (41%)	25 (18%)	111 (10%)
Perchlorate	6 µg/L <sup>3</sup>	Not Sampled	Not Sampled	Not Sampled	2 of 40 (5%)	5 (4%)	7 of 177 (4%)
Chloride	500 mg/L <sup>4</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	2 (1%)	2 (<1%)
Sulfate	500 mg/L <sup>4</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	3 (2%)	3 (<1%)
Total Dissolved Solids	1,000 mg/L <sup>3</sup>	5 (4%)	5 (1%)	5 (2%)	4 (2%)	22 (16%)	41 (4%)
<b>METALS</b>							
Aluminum	1,000 µg/L <sup>3</sup>	18 (14%)	12 (3%)	6 (3%)	2 (1%)	NAS <sup>2</sup>	38 (4%)
Arsenic	10 µg/L <sup>4</sup>	6 (5%)	15 (4%)	30 (14%)	3 (2%)	3 (2%)	55 (5%)
Chromium	50 µg/L <sup>3</sup>	1 (<1%)	NAS <sup>2</sup>	1 (<1%)	2 (1%)	NAS <sup>2</sup>	4 (<1%)
Iron	300 µg/L <sup>4</sup>	14 (11%)	81 (20%)	31 (14%)	2 (1%)	NAS <sup>2</sup>	123 (12%)
Lead	15 µg/L <sup>5,6</sup>	2 (2%)	2 (0.5%)	2 (1%)	NAS <sup>2</sup>	NAS <sup>2</sup>	6 (<1%)
Manganese	50 µg/L <sup>4</sup>	21 (16%)	98 (25%)	19 (9%)	2 (1%)	45 (33%)	178 (17%)
Vanadium	50 µg/L <sup>5</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	NAS <sup>2</sup>	14 (8%)	2 (1%)	16 (1%)
Zinc	5,000 µg/L <sup>4</sup>	NAS <sup>2</sup>	1 (<1%)	NAS <sup>2</sup>	1 (<1%)	2 (1%)	4 (<1%)
<b>ORGANICS</b>							
Volatile Organic Compounds	Varies by compound	NAS <sup>2</sup>	1 (<1%)	NAS <sup>2</sup>	10 (6%)	NAS <sup>2</sup>	11 (1%)

[illegible]